



Ball cage

Patent number: AU7775800

Publication date: 2001-04-17

Inventor: ADAMS FRANZ-JOSEF; SCHELLHAAS RALF
ANDREAS; STEUDE VOLKER; KOCHSIEK GUIDO;
ALVAREZ-MENDEZ ANGEL; STROTGEN PETER
JOSEF

Applicant: FORD WERKE AG;; IPROTEC MASCHINEN UND
EDELSTAHL

Classification:


- international: F16D3/223

- european:

Application number: AU20000077758D 20000913

Priority number(s): DE19991058719 19991206; EP19990118232 19990914;
WO2000EP08926 20000913

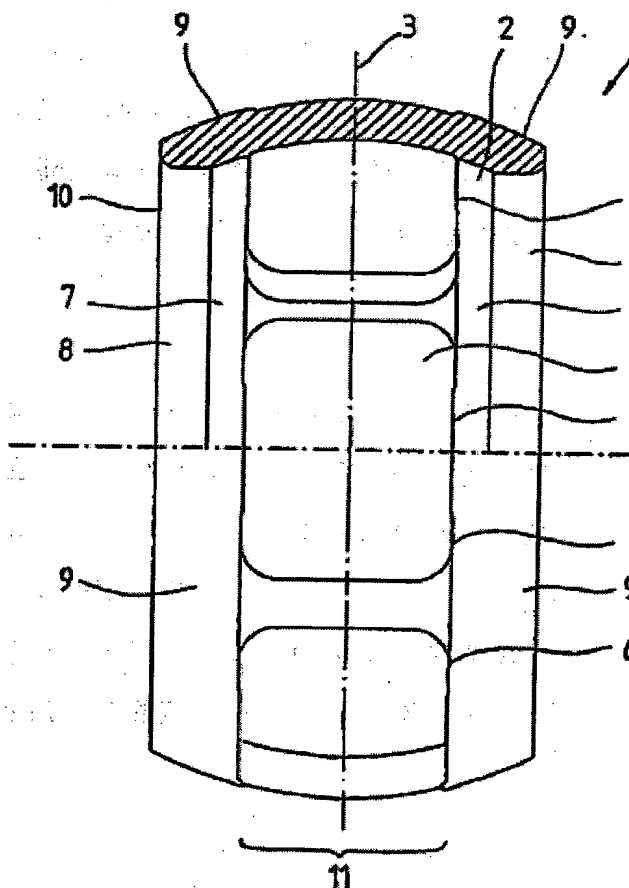
Also published as:

 WO0120185 (A)

Abstract not available for AU7775800

Abstract of correspondent: **WO0120185**

The invention relates to a ball cage for homokinetic joints. The aim of the invention is to produce such ball cages in shorter processing times using a more economic and simpler method. To this end, the ball cage that consists of a blank (1) is configured as a substantially annular spherical segment (2) with window-type ball pockets (4) located along the equator with substantially equator-parallel bearing surfaces (5) that interact with the bearing balls. Substantially annular functional zones (9) are located on the outer ring edges (6) and interact with a joint bell and with substantially annular functional zones (7) that are located on the inner ring zones and that interact with the joint spider. The inventive ball cage is especially characterized in that at least some of the functional zones of the blank are raised vis-à-vis the adjoining surfaces of the ball cage.



Data supplied from the esp@cenet database - Worldwide